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Total Number of Pages in This Submission

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|------------------------|---------------------------|
| Application Number | 10/031,496 |
| Filing Date | January 14, 2002 |
| First Named Inventor | William D. Adney et al. |
| Art Unit | 1652 |
| Examiner Name | Charles L. Patterson, Jr. |
| Attorney Docket Number | NREL 99-45 |

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application | <input type="checkbox"/> Landscape Table on CD | |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|--------------------------------------|----------|--------|
| Firm Name | National Renewable Energy Laboratory | | |
| Signature | | | |
| Printed name | Paul J. White | | |
| Date | November 23, 2004 | Reg. No. | 30,436 |

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| Signature | | | |
| Typed or printed name | Brenda E. Brantley | Date | November 24, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): William D. Adney et al.

Examiner: Patterson, Charles L. Jr.

Serial No. 10/031,496

Group Art Unit: 1652

Filed: January 14, 2002

Confirmation No. 6834

For: CELLOBIOHYDROLASE I
GENE AND IMPROVED
VARIANTS

AMENDMENT

MAIL STOP NON-FEE AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The present paper is being timely filed in response to the Office Communication mailed August 24, 2004.

Amendments to the Specification begin on page 2.

Amendments to the Claims begin on page 8.

Amendments to the Drawings begin on page 10.

Remarks begin on page 11.